

Amendments to the Specification:

Please change the title of the invention as follows:

IMAGE PROCESSING SYSTEM HAVING MULTIPLE IMAGING MODES

Please amend the paragraph beginning at page 5, line 6 (as previously amended) as follows:

SUMMARY OF THE INVENTION

According to one aspect of the invention, an image processing system comprises: an image capturing unit, and an image processing unit. The image capturing unit comprises: an illuminating light source including a plurality of light-emitting devices which respectively emit illumination lights having a plurality of different characteristics of spectroscopic distributions; an image pick-up optical system which picks up forms an image of a subject illuminated by the illuminating light source; an image pick-up device unit which picks up the subject image formed by the image pick-up optical system and obtains a subject signal from the subject; and a control unit which controls light emission by the plurality of light-emitting devices and image pick-up by

the image pick-up device and which switches between a spectroscopic image capturing mode which obtains a still image of a subject spectroscopic image and a moving image capturing mode which obtains a moving image thereof a plurality of illuminating light sources with different characteristics of spectroscopic distributions; and a photographing operating unit which performs an image photographing operation, the image capturing unit interlocking the plurality of illuminating light sources with an exposure timing of the image pick-up device unit, selectively lighting on the plurality of illuminating light sources, and thus obtaining a plurality of subject spectroscopic images. In the spectroscopic image capturing mode, the control unit controls the plurality of light-emitting devices to sequentially emit light according to the characteristics of spectroscopic distributions by a plurality of times interlocking the light emission with an exposure timing of the image pick-up device thereby causing the image pick-up device to obtain a plurality of subject spectroscopic images. In the moving image capturing mode, the control unit is arranged to (i) cause light emission of a light-emitting device for a single specific primary color or cause light emission of light-emitting devices for a plurality of specific primary colors selected from the

plurality of light-emitting devices, (ii) cause simultaneous light emission of all of the plurality of light-emitting devices, or (iii) cause sequential light emission of a group of R devices, a group of G devices, and a group of B devices selected from the plurality of light-emitting devices, group by group, and to cause the image pick-up device to obtain a moving image. The image processing unit comprises an image memory unit which stores the subject spectroscopic images photographed by the image pick-up unit, and the image processing unit calculates a desired image based on the image signal stored in the image memory unit. Further, the image processing unit includes an image identification calculating unit (also referred to as an image determining and calculating unit herein) which calculates grade data to be used to determine a grade of a color of the subject based on one or more of the subject spectroscopic images stored in the image memory unit captured in the spectroscopic image capturing mode from among the images captured by the image capturing unit.

And please amend the paragraph beginning at page 31,
lines 8-16, as follows

In the capturing mode of the monitoring image, in the illuminating light of the six primary colors from the first to sixth LEDs 6a to 6f, the first LED 6a and the second LED 6b emit the light corresponding to the range of blue (B), the third LED 6c and the fourth LED 6d emit the light corresponding to the range of green (G), and the fifth LED 6e and the sixth LED 6f emit the light corresponding to the range of red (R), thereby capturing the RGB images serving as the moving image by the surface frame sequential method.